

Work Order ID 146855

Wednesday, May 25, 2016 2:35:43 PM

146855

Page 1

Item ID: D3917-3

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Washer

Start Date: 6/20/2016 Start Qty: 48.00

48

Cust Item ID:

Required Date: 6/23/2016 Req'd Qty: 48.00

48

Customer:

Reference:

Approvals: Process Plan: [Signature] Date: _____ Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start *NR1*

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3917	A								

100

0.39

100

Hardinge

Hardinge CNC Lathe Small

Memo

TURN AS PER FOLIO FA876 & DWG

FOLIO REV: AA

DWG REV: A

0.96

DEBURR

54 ϕ DAS 49 9-89 16/06/16

110

QC2- Inspect parts off machine FAI/FAIB

0.00

110

QC

Quality Control

Memo

0.48

54 ϕ DAS 49 9-89

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Page 2

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Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120	QC8- Inspect parts - second check	0.00							DAS 44 9-89 1606-19.
120						54	0		
QC	Memo	0.96							
Quality Control									
130	Identify as per dwg & Stock Location: <u>Stock</u>	0.00							
130						54			
Packaging	Memo	0.48							
Packaging									
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	4.80							
Quality Control									

54
DAS
6
9-89
JUN 20 2016

16/6/21 JF

MS JUN 20 2016

Picklist Print

Tuesday, May 24, 2016 9:57:30 AM

Page 1

Work Order ID: 146855

146855

Parent Item: D3917-3

D3917-3

Parent Item Name: Washer

Start Date: 6/20/2016

Required Date: 6/23/2016

Start Qty: 48.00

Required Qty: 48.00

Comments: Ipp Rev:A New Issue 09-12-02 JLM Verified by:DD
per dwg REV.A DD 10.02.22 verified by:EC
IPP Rev:B as

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
MDELNR0.750		Purchased		No		100	f	37.7900	0.02	1.010525			

MDFI RINR0 750

Delrin Round Bar 0.75" color: black

Location

Loc Qty

Loc Code

MAT039

37.79

m134549

37.79

m134991

0.67

DAS
49
9-89

16/06/16

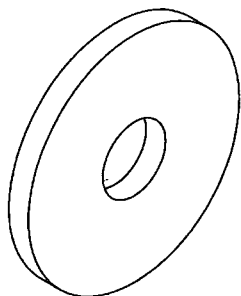
DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

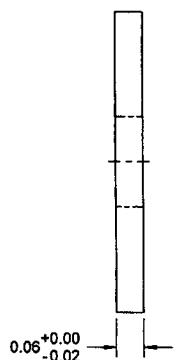
QA Closed: _____ Date: _____

Work Order update only ☐

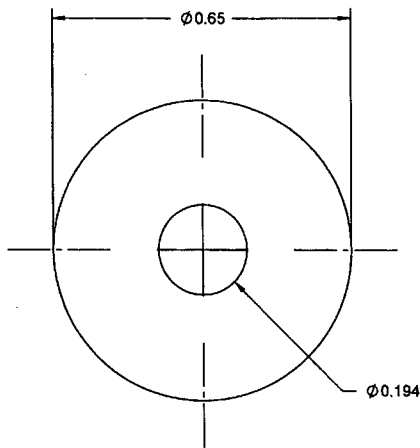
Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QS1042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
		OTHER : ☐							



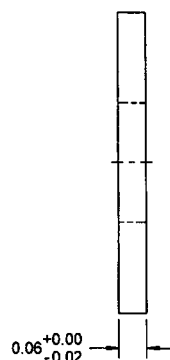
ISO VIEW



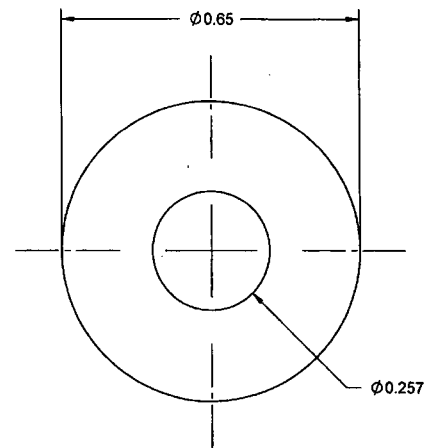
0.06^{+0.00}
-0.02



D3917-1 WASHER



0.06^{+0.00}
-0.02



D3917-3 WASHER

40146855

RELEASED
2010-02-16

NOTES:

- 1) MATERIAL: DELRIN II 150E OR ACETRON GP ACETAL, COLOR BLACK
REF DART SPEC M-DELRIN-R
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: < 0.01 lbs

A	NEW ISSUE	JPH	10.01.29
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED	JS	DRAWING NO.	REV. A
MFG. APPR.	JS	D3917	SHEET 1 OF 1
APPROVED	JS	TITLE	SCALE
DE APPR.	JS	WASHER (350 BASKET)	NTS
DATE	10.01.29	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	